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MR	1	07-170566	7/4/1995	Japan		H04Q7	36	1		
	2	11-004476	1/6/1999	Japan		H04Q7	36	1		
	3	10-023514	1/23/1998	Japan		H04Q7	36	1		
	4	11-163784	6/18/1999	Japan		H04B7	26	J		
	5	09-065422	3/7/1997	Japan		H04Q7	38	J	·	
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Mar	,	5,095,500	3/10/1992	Tayloe et al.	379	32	10/19/1990		
1/	2	5,884,163	3/16/1999 Hardouin		455	423	12/23/1996		
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